



Pressure Reducing Valve

Normally Closed with Hydraulic Control

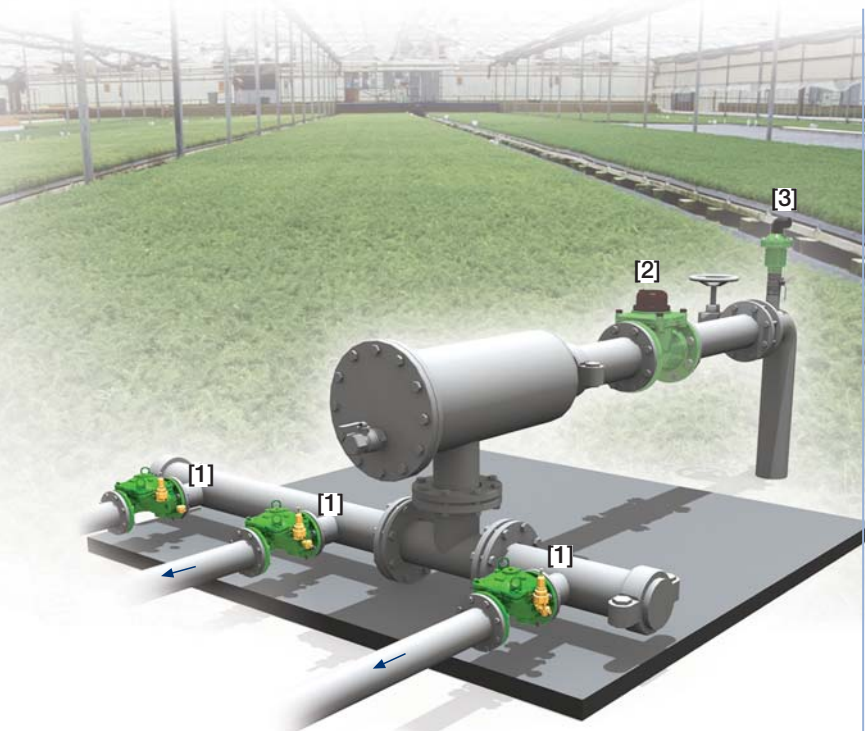
IR-420-54-R

The BERMAD Model IR-420-54-R is a hydraulically operated, diaphragm actuated control valve that reduces higher upstream pressure to lower constant downstream pressure regardless of fluctuating demand or varying upstream pressure. It is a Normally Closed valve, which opens in response to a pressure rise command.



Features and Benefits

- Hydraulic Pressure Control Normally Closed
 - Line pressure driven
 - Closes upon control failure
 - Protects downstream systems
 - Amplifies and relays weak remote command
 - Hydraulically controlled On/Off
- Advanced Globe Hydro-Efficient Design
 - Unobstructed flow path
 - Single moving part
 - High flow capacity
- Fully Supported & Balanced Diaphragm
 - Requires low actuation pressure
 - Excellent low flow regulation performance
 - Progressively restrains valve closing
 - Prevents diaphragm distortion
- User-Friendly Design
 - Easy pressure setting
 - Simple in-line inspection and service



Typical Applications

- Computerized Irrigation
- Pressure Reducing Stations
- Remote and/or Elevated Systems
- Irrigation Machines
- Distribution Centers
- Low Supplied Pressure Irrigation Systems

- [1] BERMAD Model IR-420-54-R opens upon pressure rise command, establishing reduced pressure zones.
- [2] BERMAD Water Meter Model WPH
- [3] BERMAD Air Valve Model ARC-A-I-I